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DATE: May 1, 2007

PTO IDENTIFIER: Application Number 10/781,014-Conf. #2283

Patent Number

Inventor: Markus POMPEJUS et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: LAHIVE & COCKFIELD, LLP
Maria Laccotripe Zacharakis, Ph.D., J.D.

PHONE: (617) 227-7400

Attorney Dkt. #: BGI-126CPCN

PAGES (Including Cover Sheet): 17

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Second Amendment and Response to Final Office Action (14 pages)
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PTO/SB/07 (09-04)

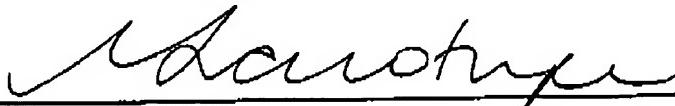
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Application No. (if known): 10/781,014

Attorney Docket No.: BGI-126CPCN

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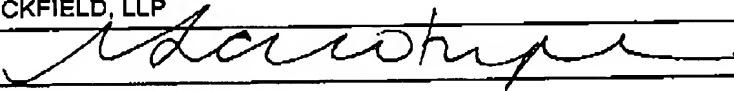
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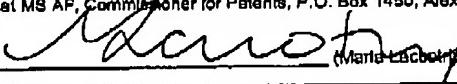
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TRANSMITTAL FORM	
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Total Number of Pages in This Submission	Application Number 10/781,014-Conf. #2283
	Filing Date February 17, 2004
	First Named Inventor Markus POMPEJUS
	Art Unit 1652
	Examiner Name C. L. Fronda
	Attorney Docket Number BGI-126CPCN

ENCLOSURES (Check all that apply)		
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Printed name	Maria Laccotripe Zecharakis, Ph.D., J.D.		
Date	May 1, 2007	Reg. No.	56,268

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Markus Pompejus *et al.*

Application No.: 10/781014

Confirmation No.: 2283

Filed: February 17, 2004

Art Unit: 1652

For: *Corynebacterium Glutamicum* Genes Encoding
Proteins Involved in Carbon Metabolism and
Energy Production

Examiner: Fronda, Christian L.

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SECOND AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

This communication is responsive to the Final Office Action dated October 4, 2006 (Paper No. 20060929) and is being filed pursuant to the telephonic interviews with the Examiner on April 12, 2007 and May 1, 2007.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.